

ABSTRACT:

ICs (20) are nearly separated from the semiconductor substrate (10) on/in which they are formed. Subsequently, the substrate is positioned upside down on a substrate (carrier) (3) which is provided with glue (21) at the location of a crystal. After attachment of the crystal to the carrier, the semiconductor substrate is removed and the crystal remains
5 attached to the carrier e.g. at the crossing of rows and columns. The separate crystals may contain TFTs (simple AM addressing) but also more complicated electronics (address of pixel in memory + identification).

Fig. 4

10

2005T0242901